Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031115\
Data File : BF077700.D
Acq On : 11 Mar 2015 21:27
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
mohammad
3/13/2015 9:40:37 AM

Quant Time: Mar 12 05:52:34 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 12 02:24:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	52841	20.00	ng		0.00
21) Naphthalene-d8	8.75	136	216646	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	98109	20.00	ng		0.00
63) Phenanthrene-d10	12.75	188	196634	20.00	ng		0.00
75) Chrysene-d12	16.03	240	201303	20.00	ng		0.00
86) Perylene-d12	17.71	264	194201	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	240086	79.31	ng		-0.01
7) Phenol-d6	6.74	99	297693	79.59	ng		0.00
23) Nitrobenzene-d5	7.86	82	264707	80.09	ng		0.00
41) 2,4,6-Tribromophenol	11.89	330	78292	83.41	ng		0.00
44) 2-Fluorobiphenyl	10.09	172	573261	85.87	ng		0.00
78) Terphenyl-d14	14.74	244	629226	76.35	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.05	88	50043	36.41	ng	#	100
3) Pyridine	2.74	79	149539	40.49	ng		97
4) n-Nitrosodimethylamine	2.67	42	62027	38.57	ng		95
6) Aniline	6.75	93	209857	39.23	ng	#	35
8) 2-Chlorophenol	6.90	128	144137	40.00	ng		96
9) Benzaldehyde	6.61	77	63754	41.61	ng		97
10) Phenol	6.75	94	181732	41.10	ng		98
11) bis(2-Chloroethyl)ether	6.86	93	132477	40.00	ng		98
12) 1,3-Dichlorobenzene	7.09	146	157544	39.31	ng		98
13) 1,4-Dichlorobenzene	7.20	146	161572	38.80	ng		99
14) 1,2-Dichlorobenzene	7.38	146	145557	38.13	ng		98
15) Benzyl Alcohol	7.36	79	117873	40.37	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.54	45	181149	40.59	ng		100
17) 2-Methylphenol	7.50	107	115637	39.42	ng		98
18) Hexachloroethane	7.79	117	55470	40.61	ng		97
19) n-Nitroso-di-n-propylamine	7.69	70	100667	38.91	ng		99
20) 3+4-Methylphenols	7.70	107	154109	40.04	ng		96
22) Acetophenone	7.68	105	190246	39.67	ng	#	100
24) Nitrobenzene	7.88	77	139479	39.17	ng		98
25) Isophorone	8.18	82	265652	39.80	ng	#	90
26) 2-Nitrophenol	8.28	139	71014	40.74	ng		95
27) 2,4-Dimethylphenol	8.35	122	124168	39.10	ng		98
28) bis(2-Chloroethoxy)methane	8.46	93	158726	39.18	ng		98
29) 2,4-Dichlorophenol	8.58	162	121598	40.17	ng		97
30) 1,2,4-Trichlorobenzene	8.68	180	134310	39.66	ng		99
31) Naphthalene	8.77	128	440443	39.58	ng		100
32) Benzoic acid	8.45	122	60624	35.11	ng		96
33) 4-Chloroaniline	8.85	127	174111	38.56	ng		97
34) Hexachlorobutadiene	8.93	225	75933	39.56	ng		99
35) Caprolactam	9.26	113	34720	39.25	ng		95
36) 4-Chloro-3-methylphenol	9.46	107	117603	38.61	ng		99
37) 2-Methylnaphthalene	9.63	142	295879	39.58	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	130241	44.51	ng	#	100
40) Hexachlorocyclopentadiene	9.82	237	58908	41.79	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.98	196	89540	44.17	ng		98
43) 2,4,5-Trichlorophenol	10.03	196	93871	42.87	ng		97
45) 1,1'-Biphenyl	10.21	154	355103	45.28	ng		100
46) 2-Chloronaphthalene	10.22	162	276992	43.46	ng	#	91
47) 2-Nitroaniline	10.36	65	71196	44.98	ng		96
48) Acenaphthylene	10.74	152	432319	40.79	ng		99
49) Dimethylphthalate	10.60	163	294190	40.43	ng		99
50) 2,6-Dinitrotoluene	10.67	165	62295	41.30	ng		93
51) Acenaphthene	10.96	154	247845	40.79	ng		100
52) 3-Nitroaniline	10.87	138	68327	39.01	ng	#	73
53) 2,4-Dinitrophenol	11.00	184	19441	39.61	ng		91
54) Dibenzofuran	11.17	168	354287	39.31	ng		99
55) 4-Nitrophenol	11.09	139	55168	42.51	ng		92
56) 2,4-Dinitrotoluene	11.16	165	79979	40.66	ng		91
57) Fluorene	11.60	166	302197	40.38	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	70777	41.97	ng	#	100
59) Diethylphthalate	11.48	149	285753	40.30	ng		99
60) 4-Chlorophenyl-phenylether	11.61	204	135560	39.69	ng		96
61) 4-Nitroaniline	11.62	138	69432	39.77	ng		80
62) Azobenzene	11.80	77	268245	39.59	ng		97
64) 4,6-Dinitro-2-methylphenol	11.67	198	34876	38.50	ng		83
65) n-Nitrosodiphenylamine	11.76	169	252114	38.51	ng		98
66) 4-Bromophenyl-phenylether	12.21	248	82842	39.48	ng		96
67) Hexachlorobenzene	12.27	284	89089	38.64	ng	#	93
68) Atrazine	12.43	200	74330	40.51	ng		98
69) Pentachlorophenol	12.52	266	44704	38.67	ng		97
70) Phenanthrene	12.79	178	440099	38.99	ng		100
71) Anthracene	12.84	178	429240	38.49	ng		100
72) Carbazole	13.05	167	405537	38.23	ng		99
73) Di-n-butylphthalate	13.51	149	455685	38.31	ng		100
74) Fluoranthene	14.25	202	474857	38.14	ng		93
76) Benzidine	14.43	184	189296	37.99	ng		99
77) Pyrene	14.53	202	500633	39.55	ng		100
79) Butylbenzylphthalate	15.37	149	196743	39.42	ng		94
80) Benzo(a)anthracene	16.02	228	469719	39.36	ng		100
81) 3,3'-Dichlorobenzidine	16.00	252	154812	39.33	ng		99
82) Chrysene	16.07	228	421623	39.30	ng		99
83) Bis(2-ethylhexyl)phthalate	16.08	149	297331	39.33	ng	#	96
84) Di-n-octyl phthalate	16.85	149	501683	38.81	ng		100
85) Indeno(1,2,3-cd)pyrene	19.11	276	517669	38.66	ng	#	100
87) Benzo(b)fluoranthene	17.29	252	454162	35.82	ng	#	96
88) Benzo(k)fluoranthene	17.32	252	462938m	46.75	ng		
89) Benzo(a)pyrene	17.65	252	419017	39.61	ng	#	98
90) Dibenzo(a,h)anthracene	19.13	278	421777	40.20	ng		98
91) Benzo(g,h,i)perylene	19.51	276	427688	40.04	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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